



APR 27 P2:11

STATE PROCUREMENT OFFICE  
EMERGENCY PROCUREMENT REQUEST1. TO: State Chief Procurement Officer2. FROM: AIR-K

Department/Division/Agency

Pursuant to §103D-307, HRS, and Subchapter 10, Chapter 3-122, HAR, the Department requests approval for the following:

3. Date 4/4/2011

4. After the fact ☒ YES ☐ NO

5. Nature of the Emergency

On January 18, 2011 during a electrical power outage one of three of the airports main terminal emergency generator's Automatic Transfer Switches (ATS) was damaged beyond repair. A damaged ATS does not allow an automatic switching to emergency generator power. The ATS failure left critical areas of the main terminal with out electrical power. The critical areas were TSA's check point and elevators.

6. Vendor: R. Electric, Inc.Address: P.O. Box 951Lihue, Hawaii 96766

7. Price:

\$34,215.92

8. Description of goods, services, or construction to be purchased

Engineer, demo, install and rewire the existing card-type transfer system in the automatic switch to a new digital micro-processor controller. Provide a new ATC-600, open transition controller and two new CPT's. Price includes Eaton factory representative and one electrician.

9. Reason for Vendor Selection

R Electric was utilized because of their ability to access secured areas of the airport due a cadre of their staff having active AOA SIDA badge media, and due to their extensive knowledge of airport electrical systems. R Electrical has been historically summoned for time sensitive emergencies because of their unique capabilities

10. Direct questions to: George CrabbePhone: 808-274-380011. *I certify that the information provided above is to the best of my knowledge, true and correct.*Department Head4/4/2011

Date

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12. Chief Procurement Officer's comments:

Approval is granted based on the department's determination that the replacement of the ATS equipment was necessary due to potential safety concerns to the Lihue Airport employees and passengers. This award is required to be posted on the Awards Reporting System.

13.

☒ APPROVED ☐ DISAPPROVED ☐ NO ACTION REQUIREDChief Procurement Officer

Date

14. E.P.No. 11-040X

On January 18, 2011 during an electrical power outage one of three of the airports main terminal emergency generator's Automatic Transfer Switches (ATS) was damaged beyond repair. A damaged ATS does not allow an automatic switching to emergency generator power. The ATS failure left critical areas of the main terminal with out electrical power. The areas with out electrical power included the central passenger screening checkpoint, all of terminal elevators and a few other areas. The power outage was caused by KIUC's electrical equipment failure(s).

Prior to the ATS being damaged, switching from normal to emergency power was fully automated. Portions of the Terminal that were not getting emergency power automatically are the main security checkpoint, all of the main terminal elevators and some other areas. This ATS unit was installed after Hurricane Iniki in 1992. As-built drawings for the ATS installation have not been located or a specific date when the ATS was installed is presently not known.

Lihue Airports Main Terminal must be able to maintain critical operations made possible through the ATS automated transfer system being in working order during a power disruption.

Lihue Airport's terminal requires emergency power to be provided automatically when normal power is not available to support critical terminal operations. Manually switching over to emergency power would require an electrician at the generator room to manually switch the ATS to emergency power. Also an electrician would be required to switch back to normal power when it was available. The response time for an electrician to come to the terminal after normal working hours would affect the time these critical functions would be out of service. Extended delays to passenger screening operations would have catastrophic effects on scheduled airline operations. The safety and operational implications for the loss of the main terminals elevators over an extended period of time would again be catastrophic.